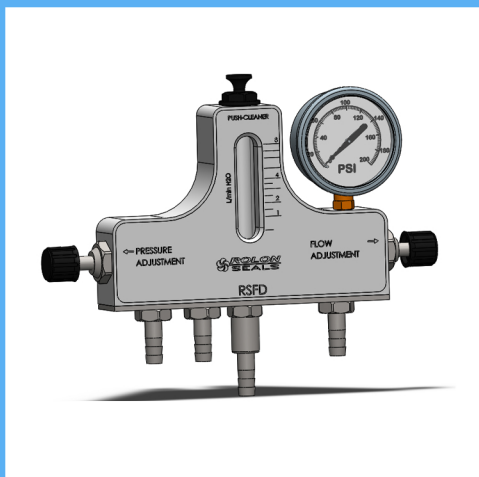


Flow Control Device

Seal Support System



Product Description

1. Flow Control Device is specifically designed to supply uninterrupted, regulated seal flush water and deliver operational efficiency to the pump population can also regulate flow and pressure and is ideal for single & dual seals installations, or when inboard seal failure detection is of less importance
2. The clog resistant valve construction combined with a simple measuring principle and wide flow channels have especially been optimized to withstand contaminated seal water

Technical Features

1. Managing flow rates while regulating important pressure differentials is possible.
2. Costly seal failures are reduced while assisting in plant water conservation initiatives.
3. It is designed to measure flow entering and exiting a dual seal installation.
4. This capability allows for early detection of leakage into the process stream as a result of inboard seal failure.

Typical Industrial Application

Pulp & Paper Industry
 Water & Waste water Industry
 General Industry
 Single and double mechanical seals
 Gland packings
 Flush water
 Purging
 Other flow measurement

Advantages

Built-in pressure regulator
 Innovative plunger cleaner
 Oil filled pressure gauge
 Rugged, compact design
 Tamper proof locking system
 Alarm sensor-ready
 Excellent corrosion resistance
 Rebuild kits available
 Optional barb or compression fittings

Operating Parameters

Flow Rate : 0,1 - 3 liters/min / 2 - 50 US gallons per hour
Pressure Limits : 10 bar g / 145 psig*
Temperature Limits : 100°C / 212°F

Materials of Construction

Flowmeter Tubes : Polysulfone (PSU)
Body of Unit : Polyoxymethylene (POM)
 Stainless Steel Case
O-rings : Fluorocarbon (FKM)
Pressure Gauge :
 Oil filled with 316SS and Wetted Parts, 1/4" - NPT Bronze fitting
Pressure Regulating Valve :
 316 Stainless Steel / EN 1.4401
Flow Rate Regulating Valve :
 316 Stainless Steel / EN 1.4401
Clean-out Plugs :
 320 - 3/8" Tube Fittings
 (for compression connections) 316 - Optional Barb Fittings
Mounting Bracket :
 316 Stainless Steel / EN 1.4401

